Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 03 Feb 2021 until 23:59 on Thursday 04 Feb 2021

Forecast Issued on Tuesday 02 Feb 2021 at 13:25

Confidence: High confidence for an unsettled period of weather over the forecast period but lower confidence in detail as a low pressure system is centred to the west of the Yorkshire Dales area. Keep updated with the latest forecast before heading out.

Headline for Wednesday 03 Feb 2021: Becoming colder again with outbreaks of rain, sleet and snow, drier later.

Mountain weather hazards on Wednesday 03 Feb 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Sleet	Sleet	Sleet	Sleet	Light snow	Light snow	Light snow
Precipitation probability							
80%	80%	60%	60%	60%	40%	40%	40%

Forecast for Wednesday 03 Feb 2021

Weather: Outbreaks of rain and sleet overnight and during the morning with extensive cloud cover, the outbreaks will become less frequent by late morning and some drier spells are likely during the afternoon, especially in the west. Cloud will lift a little during the day but remaining quite dull throughout. A few more wintry showers are likely in the evening and these will turn increasingly to snow over the dales.

Chance of cloud free mountain/hill tops above 600m: 10% during the morning with extensive low cloud in association with rain and sleety outbreaks, increasing in the afternoon to 40% especially in the west where there is more chance of cloud breaks.

Visibility: Generally poor or very poor during the morning as rain and sleet affects the area with broken cloud bases from 400m upwards, perhaps slightly higher in the west. Visibility becoming moderate in the west where cloud will begin to lift by late morning to 600m. By late afternoon visibility may be good at times especially in the west. Visibility will decline later as wintry showers occur with very poor conditions expected during the evening up on the fells.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 03 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/15 NE	7/10 SE	10/17 S	7/12 SE	8/11 NE	9/14 NE	9/15 E	11/18 E	12/20 SE
300	7/15 NE	3/12 E	6/15 S	5/12 SE	7/14 SE	6/13 N	7/14 E	10/19 E	10/21 E
Valley	10/18 E	7/15 SE	5/13 S	7/13 SE	11/16 E	10/17 E	10/16 E	11/21 E	10/20 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-3	2/-2	2/-2	2/-2	1/-2	1/-3	0/-4	0/-5	0/-5
300	2/-1	2/1	4/1	3/1	4/1	3/0	2/-1	2/-2	2/-2
Valley	5/1	5/3	5/3	5/2	5/1	4/1	4/0	4/-0	4/0
Freezing Level*	1200m	1200m	1200m	1100m	1000m	700m	700m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level falling as cold air from the north begins to sink south over the Yorkshire Dales, it is a very fine balance between warmer and colder air over this area and whether precipitation will be rain or snow.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 02 Feb 2021	1mm	2mm	2mm

Forecast for Thursday 04 Feb 2021

Weather: A period of moderate sleet or snowfall is likely in the morning but becoming drier and brighter later in the day. Remaining mainly cloudy throughout. With freezing level around 800m, precipitation is likely to be wintry on the tops with some accumulations expected.

Maximum wind: Southeasterly 15mph with gusts 25mph.

Chance of cloud free mountain/hill tops above 600m: 20% or less in the morning. Cloud is likely to be extensive at low level during the morning, perhaps 50% in the afternoon as cloud lifts and breaks especially in the west.

Visibility: Poor or very poor in low cloud, bases around 400m and wintry precipitation with tricky navigation conditions likely at higher levels. Moderate later in the day as cloud lifts to around 700m, visibility is likely to be better in the west.

Temperature: **Valleys:** Plus 2 rising to plus 5 Celsius.
At 600m: Plus 0-1 Celsius
Freezing level: 600-900m

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